

10/561005

IAP6 Rec'd PCT/PTO 15 DEC 2005

Dkt. 69626-A-PCT-US/JPW/JW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Paz Einat, et al.  
U.S. Serial No. : Not Yet Known (national stage of PCT  
International Application No.  
PCT/IL2004/000515)  
Filed : Herewith  
For : METHODS FOR CLONING NUCLEIC ACIDS IN A  
DESIRED ORIENTATION

1185 Avenue of the Americas  
New York, New York 10036  
December 15, 2005

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

In order to ensure compliance with applicants' duty of disclosure under 37 C.F.R. §1.56 and §1.97(a)-(d), applicants request that the following documents be considered and made of record in the above-identified application which is listed on Form PTO-1449, attached hereto as **Exhibit A**.

1. International Search Report issued by the International Searching Authority on January 13, 2005 in connection with International Application No. PCT/IL2004/000515 (**Exhibit 1**);
2. U.S. Patent No. 5,183,748 A (Simoncsits, et al.), published February 2, 1993 (**Exhibit 2**);
3. U.S. Patent No. 6,481,277 B1 (Shuman), published April 15, 2003 (**Exhibit 3**);

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4. Hite, J. M., Eckert, K. A., and Cheng, K. C. (1996). Factors affecting fidelity of DNA synthesis during PCR amplification of d(C-A)<sub>n</sub>·d(G-T)<sub>n</sub> microsatellite repeats. *Nucleic Acids Res.* 24: 2429-2434 (**Exhibit 4**); and
5. Zhang, X.-H. and Chiang, V. L. (1996). Single-stranded DNA ligation by T4 RNA ligase for PCR cloning of 5'-noncoding fragments and coding sequence of a specific gene. *Nucleic Acids Res.* 24: 990-991 (**Exhibit 5**).

Copies of documents numbers 1-5 are attached hereto as **Exhibits 1-5**, respectively.

No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,



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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	Not Yet Known <b>10/561005</b>
		Filing Date	Herewith
		First Named Inventor	Paz Einat
		Art Unit	
		Examiner Name	
Sheet 1	of 2	Attorney Docket Number	69626-A-PCT-US/JPW/JW

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	<b>International Search Report issued by the International Searching Authority on January 13, 2005 in connection with International Application No. PCT/IL2004/000515.</b>	
	4	<b>Hite, J. M., Eckert, K. A., and Cheng, K. C. (1996). Factors affecting fidelity of DNA synthesis during PCR amplification of d(C-A)<sub>n</sub>-d(G-T)<sub>n</sub> microsatellite repeats. <u>Nucleic Acids Res.</u> 24: 2429-2434.</b>	
	5	<b>Zhang, X.-H. and Chiang, V. L. (1996). Single-stranded DNA ligation by T4 RNA ligase for PCR cloning of 5'-noncoding fragments and coding sequence of a specific gene. <u>Nucleic Acids Res.</u> 24: 990-991.</b>	

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Exhibit A

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